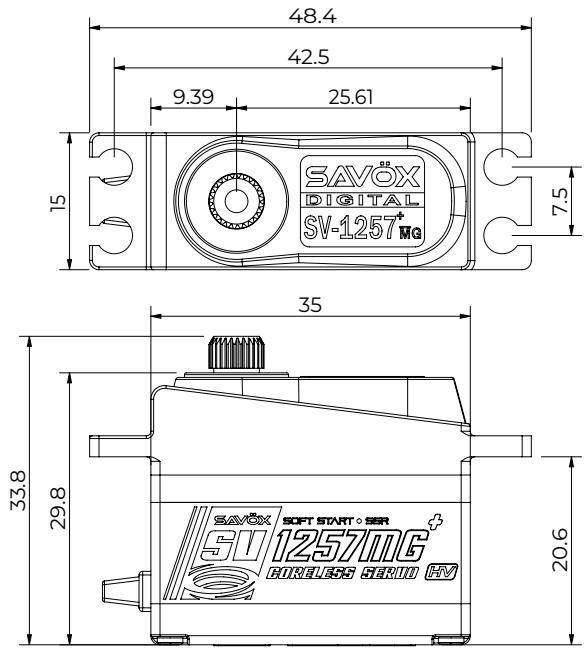
SAVÖX

# SV-1257MG+

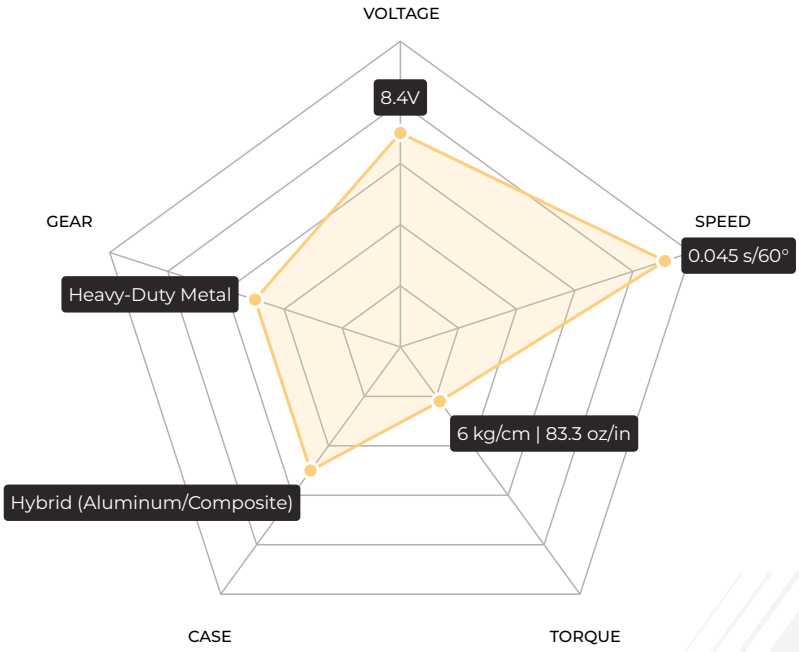



| | |
|---|---|
| **Line** | ORIGINAL LINE |
| **Application** | CAR \| HELI \| AIRPLANE |
| **Servo Size** | Mini |
| **Operating Voltage** | 6.0V-8.4V |
| **Speed** | 0.045 s/60° |
| **Torque** | 6 kg/cm \| 83.3 oz/in |
| **Amplifier Type** | Digital Controller |
| **Motor Type** | Coreless |
| **Case Type** | Hybrid (Aluminium/Composite) |
| **Protection** | Water Resistant |
| **Dimensions (L x W x H)** | 35 x 15 x 29.8 mm |
| **Weight** | 30 g |
| **Gear Type** | Heavy-Duty Metal |

## DIMENSIONS




## PERFORMANCE RADAR




## DETAILED SPECIFICATION

| | | | |
|---|---|---|---|
| **Compability** | Sanwa SSR | **Potentiometer** | VR |
| **Speed @6.0V** | 0.07 s/60° | **Cable** | 26 AWG 250 ±5 mm |
| **Torque @6.0V** | 2.5 kg/cm \| 34.7 oz/in | **Connector** | JR Connector |
| **Speed @7.4V** | 0.055 s/60° | **Stall Current @6.0V** | 1700 mA |
| **Torque @7.4V** | 4 kg/cm \| 55.5 oz/in | **Operating Current @6.0V** | 100 mA |
| **Speed @8.4V** | 0.045 s/60° | **Stall Current @7.4V** | 2000 mA |
| **Torque @8.4V** | 6 kg/cm \| 83.3 oz/in | **Operating Current @7.4V** | 120 mA |
| **PCB Board** | 12-bit | **Stall Current @8.4V** | 2200 mA |
| **Rotating Direction** | Counterclockwise (when 1000→2000 µsec) | **Operating Current @8.4V** | 150 mA |
| **Max Travel** | ~154° (when 800→2200 µsec) | **Idle Current** | 5 mA |
| **Operating Travel** | 110° (when 1000→2000 µsec) | **Dead Band Width** | 3-5 µsec |
| **Neutral Position** | 1500 µsec | **Frequency Range** | 50-360 Hz |
| **Horn Gear Spline** | 25T(Φ6) | **Control System** | Pulse width modification |
| **Bearing** | 2x Ball Bearings | **Operating Temperature** | -10°C to 50°C |